

Abstract of the Disclosure

A drive apparatus overcomes the problems of ensuring accurate mounting of a plurality of armature coils relative to a plurality of magnetic pole position detectors, limitations concerning the location for mounting, and the extension of primary-side length. The drive apparatus comprises a primary side including an arrangement of a plurality of armatures each having a core made of a magnetic material with coil windings. It also comprises a secondary side including a permanent magnet movably supported relative to the armatures via a gap. A magnetic pole position detector is disposed between adjacent armatures.